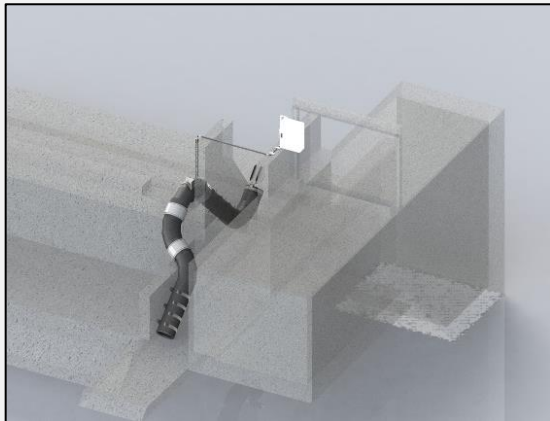
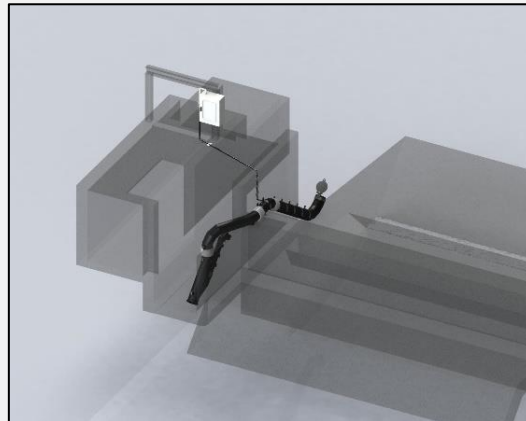


## SediCon Gravel Excluder for Dos Valles, Chile

Two SediCon Gravel Excluder were successfully supplied to remove the sediments that are deposited in front of the intake of Palacios and Dos Valles mini hydro power plants



Gravel excluder at Dos Valles



Gravel excluder at Palacios

**Project Description:**

Two-run-off river mini hydro power plants:

Palacios is 3.8 MW with a head of 170 m and Dos Valles is 12 MW with a head of 395 m.

Both projects are located at a very high altitude in Los Andes range mountain, which make impossible to access them during winter season.

**Location:**

VI Region del Libertador O'Higgins, Chile

Palacios: [34° 52.868'S 70° 20.207'O](#) Dos Valles: [34° 52.223'S 70° 18.178'O](#)

**Sediment Challenge:**

The river carries a high amount of sediment, including gravel of large dimensions. The access to both intakes is very difficult and impossible during winter season.

**Solution:**

In both cases, the solution is a SediCon Gravel Excluder, with a self-priming system activated by spill water.

Palacios: capacity to remove material with a maximum size of 300 mm, nominal removal capacity of 30 m<sup>3</sup>/hour and water consumption of 0.3 m<sup>3</sup>/s.

Dos Valles: capacity to remove material with a maximum size of 500 mm, nominal removal capacity of 100 m<sup>3</sup>/hour and water consumption of 1.5m<sup>3</sup>/s.

SediCon is the leading supplier of sediment handling worldwide and provides reliable solutions with low water consumption and uninterrupted power production.